

REFERENCES AND REVIEWS

TRANSMISSION OF POLIOVIRUSES, II. SPREAD OF ATTENUATED POLIOVIRUS TYPE III IN A PARTIALLY IMMUNIZED SCHOOL POPULATION—P. F. Wehrle, F. Hagen, and O. Carbonaro. *Pediatrics*—Vol. 27:755 (May) 1961.

An attenuated poliovirus Type III strain, Leon 122a,b, was fed to six members of a summer recreational school program in a small central New York community. Transmission of this virus occurred to only 3 of 25 family contacts of these 6 children and to only 1 of 13 close school associates. In addition, 5 more casual school and neighborhood contacts became infected during the study period. Thus, only 9 of 100 family and school contacts of these school children became infected during a five-week study period. The results have been interpreted to suggest that the attenuated poliovirus Type III strain Leon 12a,b is less invasive in open populations than the natural polioviruses previously observed in this population.

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TRANSMISSION OF POLIOVIRUSES, III. PREVALENCE OF POLIOVIRUSES IN PHARYNGEAL SECRETIONS OF INFECTED HOUSEHOLD CONTACTS OF PATIENTS WITH CLINICAL DISEASE—P. F. Wehrle, O. Carbonaro, P. A. Day, J. P. Whalen, R. Reichert, and B. Portnoy. *Pediatrics*—Vol. 27:762 (May) 1961.

Isolation of polioviruses from pharyngeal secretions of previously immunized household contacts of poliomyelitis cases is accomplished less frequently (3 of 23 studied) than among those not previously immunized (16 of 43 studied). This is consistent with previous data suggesting a greater

influence of circulating antibody on poliovirus infection at that site. This is also consistent with antibody persistence or rapid recall upon infection following immunization with formalin inactivated vaccine.

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FAMILIAL IDIOPATHIC OSTEOARTHROPATHY—G. Currarino, R. C. Tierney, R. G. Giesel, and C. Weihl. *Amer. J. Roentgenol.*—Vol. 85:633 (April) 1961.

The histories of two female children (siblings) with idiopathic osteoarthropathy (or hypertrophic osteoarthropathy) are presented. In addition to the usual features of the disease, both patients showed marked congenital enlargement and delayed closure of the cranial sutures, and had bouts of severe periostosis and eczema in infancy and early childhood.

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SURGICAL TREATMENT OF DUODENAL ULCERATION IN TWO HEMOPHILIACS—D. A. Handley, N. S. Painter, and M. R. P. Hall. *Lancet*—Vol. 1:482 (March 4) 1961.

Animal antihemophilic globulin (AHG) concentrate prepared from porcine plasma was successfully used to control bleeding in two hemophilic patients who underwent gastrojejunostomy and selective vagotomy for duodenal ulceration. AHG was given intravenously preoperatively and daily postoperatively; blood AHG levels of over 30 per cent were aimed at. The dose was assayed for activity before use, and the size of the dose was determined from preceding levels. In both patients the treatment was discontinued after the ninth day—in one because of anaphylaxis, in the other because of failure to respond to large doses of the material. The period of treatment may be prolonged by using bovine AHG, human AHG, fresh blood, or plasma. Fresh frozen plasma was given to cover the removal of deep tension sutures. Healing was complete. Blood transfusion, except for

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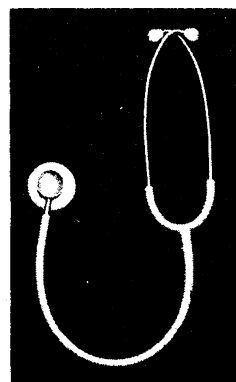
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